



# **ANALYSE ET RÉOLUTION DE CIRCUITS LINÉAIRES**

## **CIRCUITS COMBINÉS SÉRIE-PARALLÈLE**

### **LEÇON 6**

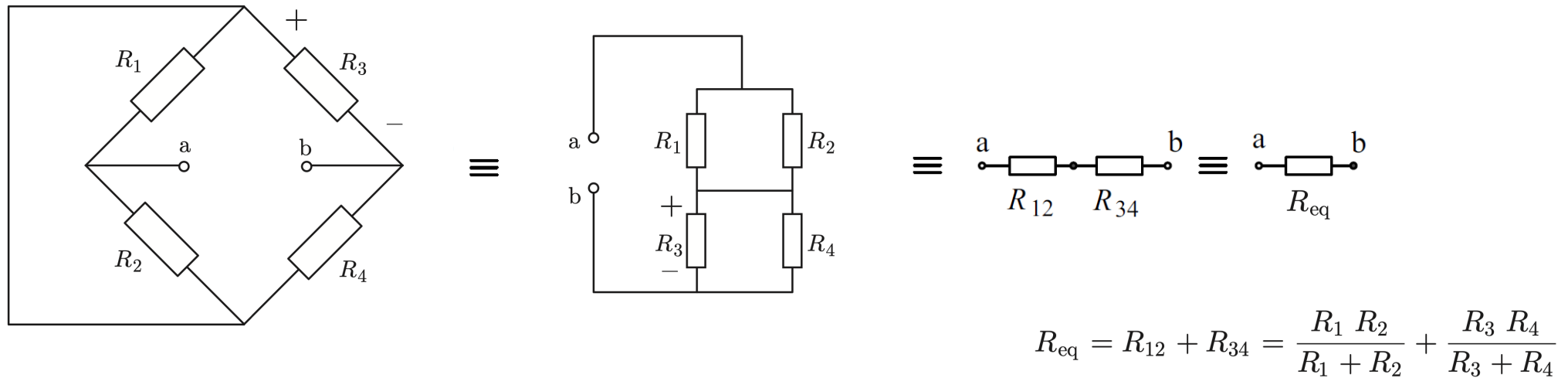
#### **Électrotechnique I**

Yves PERRIARD & Paolo GERMANO

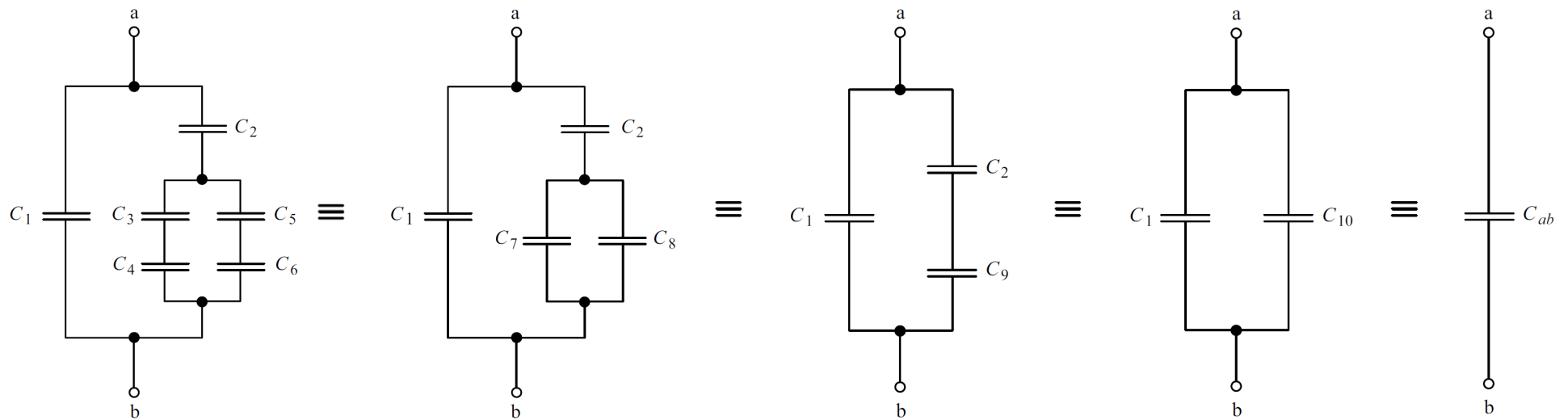
Laboratoire d'Actionneurs Intégrés

- Circuits combinés série-parallèle
- Diviseurs de tension
- Diviseurs de courant
- Conclusion

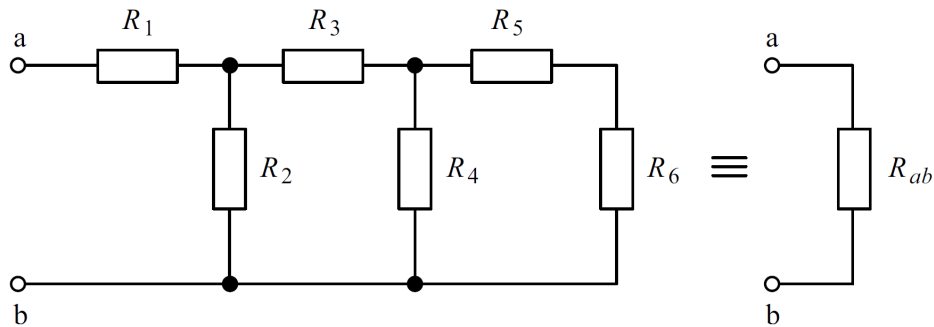
## Exemple avec des résistances



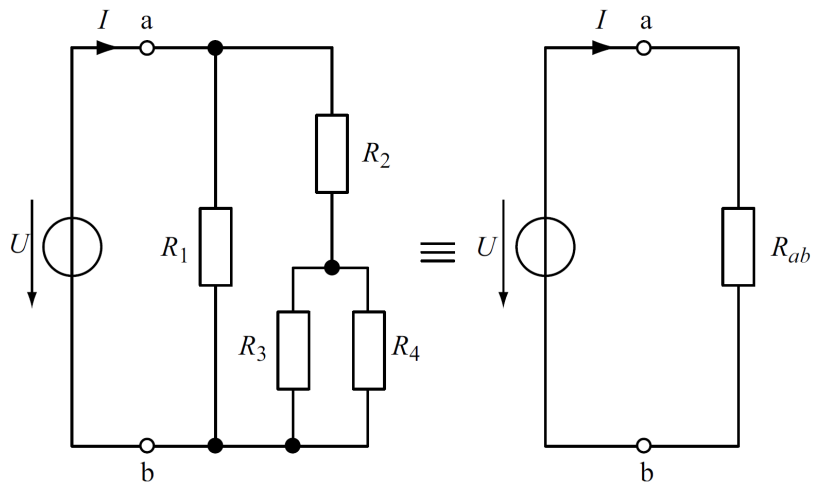
## Exemple avec des capacités



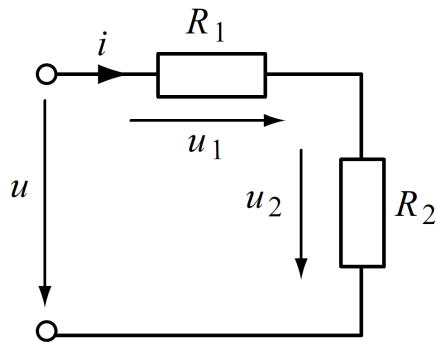
## Exemple de circuit en échelle



## Exemple de circuit complet



## Diviseur de tension résistif



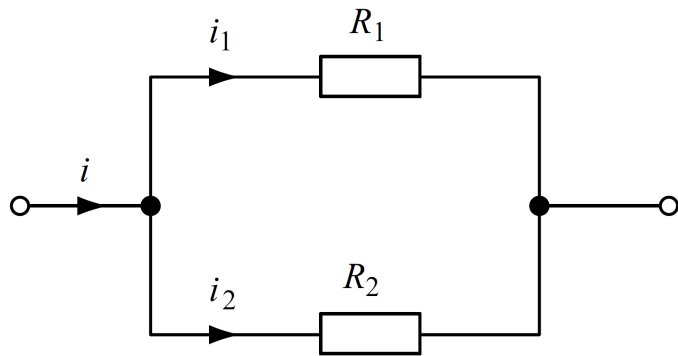
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## Diviseur de tension capacitif

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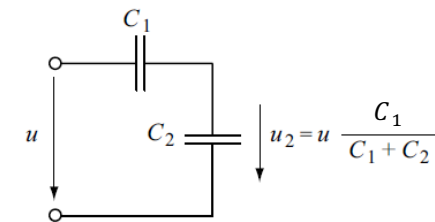
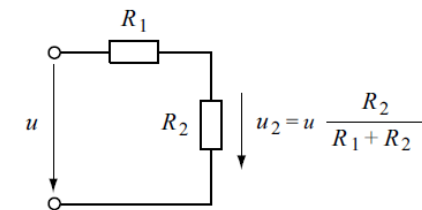
## Diviseur de tension inductif

## Circuits diviseurs de courant

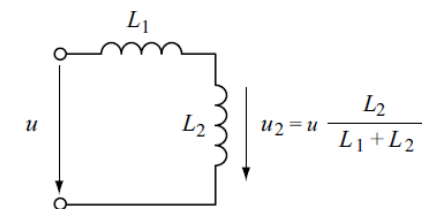


# CONCLUSION

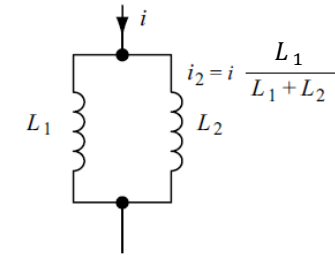
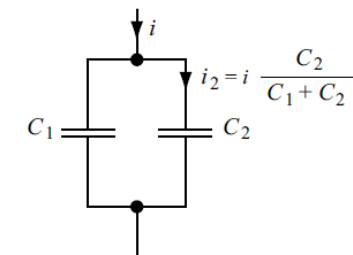
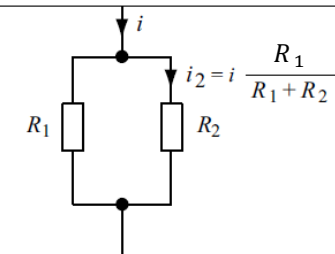
Diviseur de tension



(tensions initiales nulles)



Diviseur de courant



(courants initiaux nuls)